

Test by: F.I.R.S.T. MSR, Inc. Columbia, MO

## 2021 Soybeans Top 30 Harvest Report

Missouri Central [MOCE] TINA, MO  
Howard Baker, Carroll County, MO 64643

<b>All-Season Test</b>	Maturity Group <b>3.5 - 4.5</b> S2021MOCE02
<b>Top 30 of 79</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Resicore, Atrazine
<b>SOIL DESCRIPTION:</b>	Lagonda silty clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 6.1 pH, 2.6% OM, 15.8 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Authority Elite, Liberty
<b>Applied N-P-K (units):</b>	0-52-60
<b>SEEDED - RATE - ROW:</b>	Jun 8 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 18 129.0 /A

### TEST COMMENTS:

*We had very good soil conditions at planting into this stale seedbed site. With very warm temperatures and good soil moisture, beans emerged evenly and quickly. A great stand with noticeable consistency across the entire test set it up for the rest of the year. Rains fell throughout the summer months ending the growing season 4 in. above normal. Hard-pressed to find any green stem at harvest. There were zero weeds. The trial looked excellent all year.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Midland Genetics	3522XF ↗	RXF	3.5	MR	<b>59.7</b>	12.4	1	139.0	716	1
Dyna-Gro	S37XF42 ↗	RXF	3.7	MR	<b>58.2</b>	12.5	2	122.3	698	2
FS HISOY	42E10 ↗	E3,ST	4.2	R	<b>58.1</b>	12.4	2	124.0	697	3
Midland Genetics	4082E3 ↗	E3	4.0	R	<b>57.8</b>	11.9	1	122.0	694	4
Xitavo	XO 3861E ↗	E3,ST	3.8	R	<b>57.5</b>	11.6	2	139.0	690	5
Asgrow	AG41XF2 § ↗	RXF	4.1	R	<b>57.4</b>	11.7	2	132.0	689	6
<b>Donmario</b>	<b>DM3932E ↗</b>	<b>E3</b>	<b>3.9</b>	<b>R</b>	<b>57.3</b>	<b>11.8</b>	<b>2</b>	<b>130.0</b>	<b>688</b>	<b>7</b>
Asgrow	AG40XF1 § ↗	RXF	4.0	R	<b>57.2</b>	12.0	7	127.7	686	8
<b>Donmario</b>	<b>DM3756E ↗</b>	<b>E3</b>	<b>3.7</b>	<b>R</b>	<b>57.2</b>	<b>12.3</b>	<b>1</b>	<b>135.3</b>	<b>686</b>	<b>9</b>
Golden Harvest	GH4452XFS ↗	RXF,ST	4.4	MR	<b>57.1</b>	12.9	5	128.0	685	10
Xitavo	XO 3651E ↗	E3	3.6	R	<b>57.0</b>	12.5	1	135.7	684	11
Dyna-Gro	S41EN72 ↗	E3	4.1	R	<b>56.9</b>	11.9	22	120.0	683	12
Lewis	3713XF ↗	RXF	3.7	R	<b>56.7</b>	12.0	5	129.7	680	13
FS HISOY	40F10 ↗	RXF	4.0	R	<b>56.4</b>	12.4	5	114.0	677	14
Credenz	CZ 3750GTLL ↗	LLGT27	3.7	R	56.2	12.0	1	131.3	674	15
NuTech	35N03E ↗	E3	3.5	R	56.2	12.1	1	128.0	674	16
Golden Harvest	GH3732XF ↗	RXF	3.7	R	56.1	11.8	4	128.0	673	17
Golden Harvest	GH4155E3 § ↗	E3	4.1	MR	56.0	12.2	1	124.0	672	18
AgriGold	G3649E3 ↗	E3	3.6	R	55.9	11.9	4	126.0	671	19
Loyal	L3940E ↗	E3	3.9	R	55.6	11.9	1	124.0	667	20
Xitavo	XO 3922E ↗	E3	3.9	R	55.5	11.8	1	129.7	666	21
Midland Genetics	3591E3 ↗	E3	3.5	MR	55.4	12.0	1	123.7	665	22
Midland Genetics	4122XFS ↗	RXF	4.1	MR	55.4	12.7	10	137.3	665	23
Golden Harvest	GH3952XF ↗	RXF	3.9	R	55.2	12.6	2	132.0	662	24
NuTech	39N05E ↗	E3	3.9	R	55.1	12.0	1	131.3	661	25
NuTech	37N01E ↗	E3	3.7	R	54.9	12.0	1	120.0	659	26
Golden Harvest	GH3582E3 ↗	E3	3.5	R	54.9	12.7	1	128.0	659	27
<b>Burrus</b>	<b>3859E ↗</b>	<b>E3</b>	<b>3.8</b>	<b>R</b>	<b>54.6</b>	<b>11.9</b>	<b>1</b>	<b>127.7</b>	<b>655</b>	<b>28</b>
Lewis	4004XF ↗	RXF	4.0	R	54.5	11.8	3	137.3	654	29
Pioneer	P38T05E § ↗	E3	3.8	R	54.5	12.4	1	128.0	654	30

*William Schelp*

William Schelp

william.schelp@firstseedtests.com, (573) 819-7968

Averages = **53.6** **12.2** **4** **129.0** **643**

LSD (0.10) = 2.8 ns 4

LSD (0.25) = 1.5 ns 2

C.V. = 5.0

Historic yield: new site

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$12.00; non-GMO = \$12.00

Report Date: 10/18/2021

Revised: 10/19/2021 Add missing seeded rate

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ New! Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

©2021, All rights reserved by Elite Field Genetics, LLC